

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING **ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/584,837
Source: FWP
Date Processed by STIC: 7/12/06

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 4.4.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<**<http://www.uspto.gov/ebc/efs/downloads/documents.htm>**> , **EFS Submission User Manual** - ePAVE)
2. **U.S. Postal Service:** Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. **Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):**
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/10/06



IFWP

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/584,837

DATE: 07/12/2006

TIME: 10:12:26

Input Set : A:\Sequence Listing ASCII.ST25.txt

Output Set: N:\CRF4\07122006\J584837.raw

3 <110> APPLICANT: TOUDAI TLO,LTD
 5 <120> TITLE OF INVENTION: METHODS OF IDENTIFYING IMMUNOREGULATORY AGENTS,
 6 IMMUNOREGULATORY AGENTS, AND USES THEREOF
 8 <130> FILE REFERENCE: 2144.0150002
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/584,837
 C--> 10 <141> CURRENT FILING DATE: 2006-06-27
 10 <150> PRIOR APPLICATION NUMBER: US 60/532,723
 11 <151> PRIOR FILING DATE: 2003-12-29
 13 <160> NUMBER OF SEQ ID NOS: 12
 15 <170> SOFTWARE: PatentIn version 3.3
 17 <210> SEQ ID NO: 1
 18 <211> LENGTH: 59
 19 <212> TYPE: DNA
 20 <213> ORGANISM: Artificial
 22 <220> FEATURE:
 23 <223> OTHER INFORMATION: an artificially synthesized primer sequence
 25 <400> SEQUENCE: 1
 26 ggacgcgttt tagcattttg gtctaaacta atttataatt atttagcctt atttctcca 59
 29 <210> SEQ ID NO: 2
 30 <211> LENGTH: 45
 31 <212> TYPE: DNA
 32 <213> ORGANISM: Artificial
 34 <220> FEATURE:
 35 <223> OTHER INFORMATION: an artificially synthesized primer sequence
 37 <400> SEQUENCE: 2
 38 ggacgcgttt ggaatttaaa atgttcaaaa tgatttgtct ggatg 45
 41 <210> SEQ ID NO: 3
 42 <211> LENGTH: 38
 43 <212> TYPE: DNA
 44 <213> ORGANISM: Artificial
 46 <220> FEATURE:
 47 <223> OTHER INFORMATION: an artificially synthesized primer sequence
 49 <400> SEQUENCE: 3
 50 ggacgcgttt ggttgtggaa attggcaggg ttaggtgg 38
 53 <210> SEQ ID NO: 4
 54 <211> LENGTH: 37
 55 <212> TYPE: DNA
 56 <213> ORGANISM: Artificial
 58 <220> FEATURE:
 59 <223> OTHER INFORMATION: an artificially synthesized primer sequence
 61 <400> SEQUENCE: 4
 62 ggacgcgtat tcaggctcat cttaacgtca tgtctgg 37
 65 <210> SEQ ID NO: 5

2-3
 Does Not Comply
 Corrected Diskette Needed

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66 <211> LENGTH: 32
67 <212> TYPE: DNA
68 <213> ORGANISM: Artificial
70 <220> FEATURE:
71 <223> OTHER INFORMATION: an artificially synthesized primer sequence
73 <400> SEQUENCE: 5
74 cgctcgagtg tgctagtcgc tggtacagca gc 32
77 <210> SEQ ID NO: 6
78 <211> LENGTH: 23
79 <212> TYPE: RNA
80 <213> ORGANISM: Artificial
82 <220> FEATURE:
83 <223> OTHER INFORMATION: an artificially synthesized oligonucleotide for siRNA
86 <220> FEATURE:
87 <221> NAME/KEY: misc_feature
88 <222> LOCATION: (22)..(23)
89 <223> OTHER INFORMATION: n indicates 2'-deoxythymidine
91 <400> SEQUENCE: 6
W--> 92 aacaacaagg ccauggcaga cnn 23
95 <210> SEQ ID NO: 7
96 <211> LENGTH: 23
97 <212> TYPE: RNA
98 <213> ORGANISM: Artificial
100 <220> FEATURE:
101 <223> OTHER INFORMATION: an artificially synthesized oligonucleotide for siRNA
104 <220> FEATURE:
105 <221> NAME/KEY: misc_feature
106 <222> LOCATION: (22)..(23)
107 <223> OTHER INFORMATION: n indicates 2'-deoxythymidine
109 <400> SEQUENCE: 7
W--> 110 aaggagaucg accuggucaa cnn 23
113 <210> SEQ ID NO: 8
114 <211> LENGTH: 23
115 <212> TYPE: RNA
116 <213> ORGANISM: Artificial
118 <220> FEATURE:
119 <223> OTHER INFORMATION: an artificially synthesized oligonucleotide for siRNA
122 <220> FEATURE:
123 <221> NAME/KEY: misc_feature
124 <222> LOCATION: (22)..(23)
125 <223> OTHER INFORMATION: n indicates 2'-deoxythymidine
127 <400> SEQUENCE: 8
W--> 128 uacaagaagg gcauggcaga cnn 23
131 <210> SEQ ID NO: 9
132 <211> LENGTH: 23
133 <212> TYPE: RNA
134 <213> ORGANISM: Artificial
136 <220> FEATURE:
137 <223> OTHER INFORMATION: an artificially synthesized oligonucleotide for siRNA

no H's allowed in an RNA sequence, if even they're represented by "n."

For a combined DNA/RNA sequence, use <2127 DNA and explain in <2207-2227 section.

same error

same

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140 <220> FEATURE:
141 <221> NAME/KEY: misc_feature
142 <222> LOCATION: (22)..(23)
143 <223> OTHER INFORMATION: n indicates 2'-deoxythymidine
145 <400> SEQUENCE: 9
W--> 146 aaguuggcca agaauuacgg cnn 23
149 <210> SEQ ID NO: 10
150 <211> LENGTH: 22
151 <212> TYPE: RNA
152 <213> ORGANISM: Artificial
154 <220> FEATURE:
155 <223> OTHER INFORMATION: an artificially synthesized oligonucleotide for siRNA
158 <220> FEATURE:
159 <221> NAME/KEY: misc_feature
160 <222> LOCATION: (21)..(22)
161 <223> OTHER INFORMATION: n indicates 2'-deoxythymidine
163 <400> SEQUENCE: 10
W--> 164 aacaaggau cgcacauaac nn 22
167 <210> SEQ ID NO: 11
168 <211> LENGTH: 23
169 <212> TYPE: RNA
170 <213> ORGANISM: Artificial
172 <220> FEATURE:
173 <223> OTHER INFORMATION: an artificially synthesized oligonucleotide for siRNA
176 <220> FEATURE:
177 <221> NAME/KEY: misc_feature
178 <222> LOCATION: (22)..(23)
179 <223> OTHER INFORMATION: n indicates 2'-deoxythymidine
181 <400> SEQUENCE: 11
W--> 182 uaguucgcca aguauuacgg cnn 23
185 <210> SEQ ID NO: 12
186 <211> LENGTH: 11
187 <212> TYPE: PRT
188 <213> ORGANISM: Homo sapiens
190 <400> SEQUENCE: 12
192 Trp Val Tyr Glu Glu Val Phe Ser Ala Tyr
193 1 5 10

```

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/584,837

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:6; N Pos. 22,23
Seq#:7; N Pos. 22,23
Seq#:8; N Pos. 22,23
Seq#:9; N Pos. 22,23
Seq#:10; N Pos. 21,22
Seq#:11; N Pos. 22,23

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11

VERIFICATION SUMMARY

DATE: 07/12/2006

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Input Set : A:\Sequence Listing ASCII.ST25.txt

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L:10 M:270 C: Current Application Number differs, Replaced Current Application No
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:92 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0
L:110 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0
L:128 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0
L:146 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0
L:164 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0
L:182 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0